**1. IT Systems – Identify the IT system used in the story and discuss how the IT System was used in the story. [5 Marks]**

**2. Stakeholders – Identify how they were affected [2 marks per Stakeholder (6 Marks max)]**

**3. Ethical Issues – Identify how the issues affect a stakeholder and one of the AOIs. [3 Marks each]**

**4. AOI – List down 2 AOI and evaluate how the AOI is affected.**

**Reminder: Discuss and positive and negative side here and discuss what you thing about it.[3 Marks for each one 6 marks max]**

***Car crash***  
  
1) IT systems:  
  
\*Databases - the airbag module records data before and after your car crashes, in means of collision with another objects. It could be used to constantly track how you drive, and if connected to a GPS tracking device, it would be possible for car owners to instantly receive tickets each time they cross the speed limit.   
  
  
  
2) Stakeholders   
\* Car users - they often do not know that the airbag sensor, or the black box monitor how they drive before and after an accident, and they might not want such a thing installed if they knew its use.  
  
\*Companies (both that issue “black boxes” and own car companies) - They should consider the idea of the black box, and the way it works, because it is easy to install a chip in it that could potentially track them, and if the black box tracked the wrong data, eg. if the driver started driving quickly and suddenly braked and the airbags activated, it could both damage the driver and possibly track the wrong data.   
  
3) Ethical Issues  
  
\*Privacy and Anonymity - car owners have their car performance recorded when an accident occurs, if their car has an airbag control module installed. They often do not recognize that they do, therefore infringing on their privacy in a way that they might not want to be monitored if they are people who sometimes lose control and speed up etc.  
  
  
4) Areas of Impact  
\*Business and Employment - Drivers that ever had an accident could have their airbag modules tested or “opened” to see if they ever had an accident. If they applied for a job that involves moving around in a car, it would be a huge way to see if they qualify enough and if they mind others while on the road.  
  
\*Politics and government - If a company ever decided to create a setting which would allow for the constant monitoring of the car’s performance and usage, the police could just inspect the airbag module and see if the driver ever sped over or had accidents. For now, it only allows the monitoring of the car’s performance and braking system before, during and after an accident or crash occurs.  
  
  
  
  
  
  
The other thing, Sang.   
  
1) IT systems:  
  
\*GPS-The car rental companies can use the satellites to pinpoint the exact location of the customers and check if they are within the district they have contracted for. The system is also used in handheld devices like cameras and cellphones, also in CD burners and printers. There are serial codes that cannot be seen with the bare eyes, but tracked with the GPS system.  
      
2) Stakeholders :  
  
\*Users (car rental, printers, CD burners, cameras, cellphones)- the owners and customers of these devices and services can easily be tracked by the company using satellite GPS systems. The companies may do this without the customer’ knowledge, invading their privacy at will.   
  
\*Companies (car rental, printers, CD burners, cameras, cellphones)-For profit purposes, the companies can track their products disregarding the customer’s privacy. For example, the car rental service may track down customers to see if they are off limits or not.   
3) Ethical Issues :   
  
\*Privacy and anonymity : When companies track where their products using GPS systems, they are locating where they are and who is using their products. By this they are invading the user’s privacy without their access being granted. This IT systems would affect the Area of Home and Leisure because most products such as car rentals and cellphones or even printers are being used mostly by houses. As an example of the video, a person’s privacy was invaded by the car rental company when he was going to Las Vegas.  
  
\*Surveillance : Companies track down and often locate their products to be sure they are being used for the right purpose. This is surveilling their customers, using IT systems to monitor people. The GPS system for companies would affect the area of Business and Employment because companies can charge more money for abuse of their services.  
  
4) Areas of Impact  
  
\*Home and Leisure : Users and owners of cellphones or printers can be tracked using serial codes and satellites. The positive side of this is that the users can locate where their product is when they lose them. However, the negative side of this is that they can be watched at any times even though they don’t want it, if companies decide to see it. I think that their should be safety rules where companies can locate their products only if the user’s grant access for them.   
  
\*Business and Employment : Companies can easily track where their products are by using GPS systems. The advantage of this system is that they can monitor if their product is being used safely and under their contracted rules. For example, the car rental service in the video used the GPS system to their advantage to charge more money from their customers. However, the disadvantage of this is that the can access the location without the customer’s knowledge, which can invade privacy. I think that companies should state to their customers that they may be monitored in cases of emergency or safety precautions.